

SEQUENCE LISTING

<110> University of Ottawa

<120> XIAP IRES AND USES THEREOF

<130> 07891/021WO2

<150> 09/121,979

<151> 1998-07-24

<150> 09/332,319

<151> 1999-06-14

<160> 30

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 295

<212> DNA

<213> Mus musculus

<400> 1

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ctttaaact caagtgggtt ggtaatgtac gactctactg ttagaatta aaatgtgtct    120
tagttattgt gccattattt ttatgtcatc actggataat atattagtgc ttagtatcag    180
aaatagtcct tatgctttgt gttttgaagt tctaatagca atgttctctt tctagaaaag    240
gtggacaagt cctattttcc agagaagatg acttttaaca gttttgaagg aacta      295
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<210> 2

<211> 299

<212> DNA

<213> Homo sapiens

<400> 2

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ttttattctg cctgcttaaa tattactttc ctcaaaaaga gaaaacaaaa atgctagatt    60
ttactttatg acttgaatga tgtggtaatg tcgaactcta gtatttagaa ttagaatgtt    120
tcttagcggg cgtgtagtta ttttatgtc ataagtggat aatttgtag ctcctataac    180
aaaagtctgt tgcttgtgtt tcacattttg gatttcctaa tataatgttc tctttttaga    240
aaaggtggac aagtcctatt ttcaagagaa gatgactttt aacagttttg aaggatcta    299
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<210> 3
 <211> 711
 <212> DNA
 <213> Homo sapiens

<400> 3

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atgacgggtt atgaagcccg gctcattact ttgggacat ggatgtactc cgtaacaaa   60
gagcagcttg caagagctgg attttatgct ataggtcaag aggataaagt acagtgttt   120
cactgtggag gagggctagc caactggaag cccaaggaag atccttggga acagcatgct   180
aaatggtatc caggttgcaa atatctgcta gaagagaagg gacatgaata tataaacaac   240
attcatttaa cccgttact tgaggagct ctggtacaaa ctaccaagaa aacaccatca   300
ctaactaaaa gaatcagtga taccatcttc cctaactcta tgctacaaga agctatacga   360
atgggatttg attcaagga cgtaagaaa ataatggagg aaagaattca aacatctggg   420
agcaactata aaacgcttga ggttcttgtt gcagatctag tgagcgctca gaaagacact   480
acagaaaatg aattgaatca gacttcattg cagagagaaa tcagccctga agagccgcta   540
aggcgtctgc aagaggagaa gctttgtaa atctgcatgg acagatatat cgctgtgtt   600
tttattccct gtggacatct ggtcacttgt aaacaatgtg ctgaagcagt tgacagatgt   660
cccattgtca gcgcggttat tgatttcaag caaagagttt ttatgtctta a           711
  
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<210> 4
 <211> 236
 <212> PRT
 <213> Homo sapiens

<400> 4

```

Met Thr Gly Tyr Glu Ala Arg Leu Ile Thr Phe Gly Thr Trp Met Tyr
 1      5      10     15
Ser Val Asn Lys Glu Gln Leu Ala Arg Ala Gly Phe Tyr Ala Ile Gly
      20     25     30
Gln Glu Asp Lys Val Gln Cys Phe His Cys Gly Gly Gly Leu Ala Asn
      35     40     45
Trp Lys Pro Lys Glu Asp Pro Trp Glu Gln His Ala Lys Trp Tyr Pro
      50     55     60
Gly Cys Lys Tyr Leu Leu Glu Lys Gly His Glu Tyr Ile Asn Asn
      65     70     75     80
Ile His Leu Thr Arg Ser Leu Glu Gly Ala Leu Val Gln Thr Thr Lys
      85     90     95
Lys Thr Pro Ser Leu Thr Lys Arg Ile Ser Asp Thr Ile Phe Pro Asn
      100    105    110
Pro Met Leu Gln Glu Ala Ile Arg Met Gly Phe Asp Phe Lys Asp Val
      115    120    125
Lys Lys Ile Met Glu Glu Arg Ile Gln Thr Ser Gly Ser Asn Tyr Lys
      130    135    140
  
```

<210> 5	
<211> 12	
<212> DNA	
<213> Homo sapiens	
<400> 5	
tgttctcttt tt	12
<210> 6	
<211> 12	
<212> DNA	
<213> Homo sapiens	
<400> 6	
aaaaagagaa ca	12
<210> 7	
<211> 15	
<212> DNA	
<213> Homo sapiens	
<400> 7	
gtttcttagc ggtcg	15
<210> 8	
<211> 15	
<212> DNA	
<213> Homo sapiens	
<400> 8	

cgaccgctaa gaaac 15

<210> 9
<211> 15
<212> RNA
<213> Homo sapiens

<400> 9

cgaccgcuaa gaaac 15

<210> 10
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (1)...(1)
<223> Wild-type polypyrimidine tract.

<400> 10

uguucucuuu uu 12

<210> 11
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (1)...(12)
<223> Positions 1 and 3-12 are mutated.

<400> 11

agaagagaaa aa 12

<210> 12
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation

<222> (1)...(12)

<223> Positions 1-2, 7, and 8-12 are mutated.

<400> 12

cuuucuuucc cc

12

<210> 13

<211> 12

<212> RNA

<213> Homo sapiens

<220>

<221> variation

<222> (1)...(2)

<223> Positions 1-2 are mutated.

<400> 13

aaucucuuu uu

12

<210> 14

<211> 12

<212> RNA

<213> Homo sapiens

<220>

<221> variation

<222> (3)...(4)

<223> Positions 3-4 are mutated.

<400> 14

ugaacucuuu uu

12

<210> 15

<211> 12

<212> RNA

<213> Homo sapiens

<220>

<221> variation

<222> (5)...(6)

<223> Positions 5-6 are mutated.

<400> 15

uguuaacuuu uu 12

<210> 16
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (7)...(8)
<223> Positions 7-8 are mutated.

<400> 16
uguucuaauu uu 12

<210> 17
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (9)...(10)
<223> Positions 9-10 are mutated.

<400> 17
uguucucuaa uu 12

<210> 18
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (11)...(12)
<223> Positions 11-12 are mutated.

<400> 18
uguucucuuu aa 12

<210> 19
<211> 268

<212> DNA

<213> Homo sapiens

<400> 19

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tattctgcct gcttaaatat tactttcctc aaaaagagaa aacaaaaatg ctagatttta    60
ctttatgact tgaatgatgt ggtaatgtcg aactctagta tttagaatta gaatgtttct    120
tagcggtcgt gtagttattt ttatgtcata agtggataat ttgtagctc ctataacaaa    180
agtctgttgc ttgtgttcca cattttggat ttctaatat aatgttctct ttttagaaaa    240
ggtggacaag tcctattttc aagagaag                                     268
```

<210> 20

<211> 267

<212> DNA

<213> Mus musculus

<400> 20

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atgtgtttgg cattatgtga agcccaaaca ctaaaaaagg agaacaaaca aaagcgcaga    60
ctttaaact caagtggttt ggtaatgtac gactctactg tttagaatta aaatgtgtct    120
tagttattgt gccattattt ttatgtcatc actggataat atattagtgc ttagtatcag    180
aaatagtcct tatgctttgt gttttgaagt tcctaataat atgttctctt tctagaaaag    240
gtggacaagt cctattttcc agagaag                                     267
```

<210> 21

<211> 163

<212> DNA

<213> Homo sapiens

<400> 21

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aattagaatg ttcttagcgc gtcgtgtagt tatttttatg tcataagtgg ataattgtt    60
agctectata acaaaagtct gttgcttggt ttacacattt tggatttcct aatataatgt    120
tctcttttta gaaaagggtgg acaagtccta tttcaagag aag                                     163
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<210> 22

<211> 162

<212> DNA

<213> Mus musculus

<400> 22

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agtcttagt atcagaaata gtccttatgc ttgtgtttt gaagtccta atgcaatgtt    120
ctctttctag aaaagggtgga caagtcctat ttccagaga ag                                     162
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<210> 23

<211> 103
<212> DNA
<213> Homo sapiens

<400> 23

agctcctata acaaaagtct gttgcttggtg ttccacattt tggatttcct aatataatgt 60
tctcttttta gaaaagggtgg acaagtccta tttcaagag aag 103

<210> 24
<211> 102
<212> DNA
<213> Mus musculus

<400> 24

agtgcctagt atcagaaata gtccttatgc ttgtgtttt gaagttccta atgcaatgtt 60
ctctttctag aaaagggtgga caagtcctat ttccagaga ag 102

<210> 25
<211> 83
<212> DNA
<213> Homo sapiens

<400> 25

gttgcttggtg ttccacattt tggatttcct aatataatgt tctcttttta gaaaagggtgg 60
acaagtccta tttcaagag aag 83

<210> 26
<211> 83
<212> DNA
<213> Mus musculus

<400> 26

agtccttatg ctttgtgttt tgaagttcct aatgcaatgt tctctttcta gaaaagggtgg 60
acaagtccta tttccagag aag 83

<210> 27
<211> 129
<212> DNA
<213> Homo sapiens

<400> 27

aattagaatg ttcttagcgt gtcgtgtagt tatttttatg tcataagtgg ataattgtt 60
agctcctata acaaaagtct gttgcttggtg ttccacattt tggatttcct aatataatgt 120

tctcttttt

129

<210> 28

<211> 128

<212> DNA

<213> Mus musculus

<400> 28

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aattaaaaatg tgtcttagtt attgtgcat ttttttatg tcatcaatgg ataatatatt 60
agtgcctagt atcagaaata gtccttatgc ttgtgtttt gaagttccta atgcaatgtt 120
ctctttct                                     128
```

<210> 29

<211> 234

<212> DNA

<213> Homo sapiens

<400> 29

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tattctgect gcttaaatat tactttctc aaaaagagaa acaaaaaatg ctagatttta 60
ctttatgact tgaatgatgt ggtaatgtcg aactctagta tttagaatta gaatgtttct 120
tagcggtcgt gtagttattt ttatgtcata agtggataat ttgttagctc ctataacaaa 180
agtctgttgc ttgtgtttca cattttggat ttctaatat aatgttctct tttt      234
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<210> 30

<211> 233

<212> DNA

<213> Mus musculus

<400> 30

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atgtgtttgg cattatgtga agcccaaaca ctaaaaaagg agaacaaaca aaagcgcaga 60
ctttaaact caagtgggtt ggtaatgtac gactctactg tttagaatta aaatgtgtct 120
tagttattgt gccattattt ttatgtcatc actggataat atattagtgc ttagtatcag 180
aaatagtcct tatgctttgt gttttgaagt tcctaatgca atgttctctt tct      233
```